

NATIONAL PHOTOGRAPHIC
INTERPRETATION CENTER

OAK
SUPPLEMENT

PHOTOGRAPHIC INTERPRETATION REPORT

KH-4 MISSION IIII

IPIR NUMBER 12

OAK SUPPLEMENT PART VI

23 JULY - 10 AUGUST 1970

**Handle via
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TOP SECRET

TCS-20346/70

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**TARGET CATEGORIES
AND
ASSOCIATED NTP FUNCTIONAL AREAS (CODES)**

- | | |
|--|---|
| 1. STRATEGIC SSM | 7. GROUND |
| Deployed Strategic SSM Facilities (A) | Ground Force Facilities (G) |
| 2. MISSILE RANGES | 8. TACTICAL SSM |
| Missile Ranges: Strategic SSM/Space Facilities (P) | Deployed Tactical SSM Facilities (H) |
| Missile Ranges: Air-Launched Missile Facilities (Q) | 9. LOGISTICS |
| Missile Ranges: Naval-Launched Missile Facilities (R) | Military Logistics Facilities (K) |
| Missile Ranges: Tactical SSM Facilities (S) | 10. NUCLEAR ENERGY |
| Missile Ranges: SAM/AMM Facilities (T) | Atomic Energy Facilities (O) |
| 3. AIR DEFENSE MISSILES | 11. CBR |
| Deployed AMM Facilities (B) | CBR Facilities (V) |
| Deployed SAM Facilities (D) | 12. INDUSTRY |
| 4. ELECTRONICS/COMMUNICATIONS | Strategic Weapons Industrial Facilities (J) |
| Deployed Communication/Electronic/Radar Facilities (C) | General Purpose Weapons Industrial Facilities (L) |
| 5. AIR | Non-Military Industrial Facilities (N) |
| Air Base Facilities (E) | Communication/Electronic/Radar R&D Facilities (U) |
| 6. NAVAL | 13. MISCELLANEOUS |
| Naval Base Facilities (F) | Non-Military Logistics Facilities (M) |
| | Miscellaneous/Unidentified Facilities (Z) |

These thirteen target categories are compatible with the Functional Area of Imagery Interpretation established under the National Tasking Plan. To enhance the analysis of readout on operationally associated targets, each target is reported relative to its primary functional association (i.e., missile range tracking facilities are reported under "MISSILE RANGES," fly-away airfields at aircraft plants are reported under "INDUSTRY," airfield nuclear weapons storage facilities are reported under "AIR," etc.).

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PREFACE

PREFACE

THIS IS THE SIXTH OAK SUPPLEMENT REPORT ON MISSION 1111.
FOR ADDITIONAL PREFACE DETAILS, SEE FIRST OAK SUPPLEMENT.

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CHINA, COMMUNIST
AIR DEFENSE MISSILES

25X1D

SIGNIFICANT RESULTS

25X1A

25X1A

25X1D

25X1D

KUANG-CHOU SAM SITE B28-2

23-08- [REDACTED] N 113-03- [REDACTED] E

STATUS: UNOCCUPIED

25X1D

REMARKS:
CONSTRUCTION AT THE SITE APPEARED COMPLETE.

25X1D

[REDACTED]

25X1A

25X1D

25X1D

25X1A

PEI-CHING SAM SITE C03-2

40-21- [REDACTED] N 116-40- [REDACTED] E

STATUS: OCCUPIED

REMARKS:
ONE OF THE SIX LAUNCH POSITIONS WAS COVERED WITH A BUILDING.

25X1D

MISSILE ORDER OF BATTLE:
5 LAUNCHERS

1 PROB FAN SONG RADAR

25X1A

25X1D

[REDACTED]

25X1A

25X1D

25X1D

PEI-CHING SAM SITE D20-2

39-22- [REDACTED] N 116-07- [REDACTED] E

STATUS: UNKNOWN

REMARKS:
THE SITE WAS PROBABLY UNOCCUPIED. THE FOUR ADDITIONAL REVETTED
LAUNCH POSITIONS REPORTED ON [REDACTED] HAVE BEEN
REMOVED. THE GUIDANCE AREA HAS BEEN REVETTED.

25X1D

MISSILE ORDER OF BATTLE:
NONE DISCERNIBLE

[REDACTED]

25X1D

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CHINA, COMMUNIST
AIR DEFENSE MISSILES

25X1D

25X1D 25X1A 25X1D

SAN-YUAN SAM SITE A06-2

25X1A

34-39- N 108-58- E

STATUS: OCCUPIED

REMARKS:

THE SIX POSITIONS OF THE OPERATIONAL SITE WERE EACH OCCUPIED BY A LAUNCHER AND MISSILE TRANSPORTER. THE CENTRAL GUIDANCE AREA WAS OCCUPIED BY A PROBABLE FAN SONG RADAR. AN ADDITIONAL MISSILE TRANSPORTER WAS WITHIN THE SITE IN THE SW SECTOR. A POSSIBLE KNIFE REST RADAR WAS NW OF THE SITE. THE TRAINING SITES REMAINED UNOCCUPIED, BUT SIX POSSIBLE LAUNCHERS AND A POSSIBLE GIN SLING RADAR WERE ADJACENT TO THE L-SHAPED BUILDING IN THE NE SECTOR OF THE TRAINING AREA. SIX PROBABLE LAUNCHERS WERE IMMEDIATELY EAST OF THE SE SITE, AND A POSSIBLE BUILDING-MOUNTED KNIFE REST RADAR WAS IN THE SE SITE. THREE PROBABLE MISSILE TRANSPORTERS AND NUMEROUS PIECES OF UNIDENTIFIED EQUIPMENT WERE WITHIN THE WALLED PARKING COMPOUND. A RAMP HAS BEEN BUILT IMMEDIATELY NORTH OF THE L-SHAPED BUILDING IN THE NW SITE.

MISSILE ORDER OF BATTLE:

6 LAUNCHERS	1 POSS GIN SLING RADAR
6 PROB LAUNCHERS	2 POSS KNIFE REST RADARS
6 POSS LAUNCHERS	7 MISSILE TRANSPORTERS
1 PROB FAN SONG RADAR	3 PROB MISSILE TRANSPORTERS

25X1D

25X1D

25X1D

25X1D

TANG-KU SAM SITE A36-2
NAC

25X1A

39-08- N 117-37- E

STATUS: UNKNOWN

REMARKS:

THE SITE WAS PROBABLY UNOCCUPIED.

MISSILE ORDER OF BATTLE:

NONE DISCERNIBLE

25X1D

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CHINA, COMMUNIST
AIR DEFENSE MISSILES

25X1A

25X1D

25X1D

25X1D

TANG-KU SAM SITE B23-2
[REDACTED] NAC

38-51-[REDACTED] N 117-26-[REDACTED] E

STATUS:OCCUPIED

MISSILE ORDER OF BATTLE:
6 LAUNCHERS
1 PROB FAN SONG RADAR

1 POSS ACQUISITION RADAR

25X1D

[REDACTED]

25X1A

25X1D

25X1D

25X1D

WU-HAN SAM SITE B03-2
[REDACTED] NAC

30-52-[REDACTED] N 114-26-[REDACTED] E

STATUS:OCCUPIED

MISSILE ORDER OF BATTLE:
6 PROB LAUNCHERS

1 PROB FAN SONG RADAR

25X1D

[REDACTED]

25X1D

25X1D

25X1D 25X1A

YU-MEN SAM SITE A12A-2
[REDACTED] NAC

40-12-[REDACTED] N 097-12-[REDACTED] E

STATUS:OCCUPIED

MISSILE ORDER OF BATTLE:
6 LAUNCHERS

1 PROB FAN SONG RADAR

25X1D

[REDACTED]

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CHINA, COMMUNIST
AIR BASE FACILITIES

25X1D

SIGNIFICANT RESULTS

CHANG-CHUN/TA-FANG-SHEN AIRFIELD
[REDACTED] NAC

25X1D 25X1D
25X1A 43-54-[REDACTED] N 125-12-[REDACTED] E

STATUS: OPERATIONAL

AIR ORDER OF BATTLE:
29 SMALL SWEEP-WING

2 SMALL STRAIGHT-WING

25X1D

25X1D

25X1D

25X1D

CHI-LIN/ERH-TAI-TZU AIRFIELD
[REDACTED] NAC

25X1A 44-00-[REDACTED] N 126-23-[REDACTED] E

STATUS: OPERATIONAL

AIR ORDER OF BATTLE:
2 PROB BEAGLE
62 SMALL SWEEP-WING

2 PROB CAB

25X1D

25X1D

25X1D

25X1D

HUAI-TE AIRFIELD
[REDACTED] NAC

25X1A 43-31-[REDACTED] N 124-47-[REDACTED] E

STATUS: OPERATIONAL

AIR ORDER OF BATTLE:

11 POSS LIGHT STRAIGHT-WING

25X1D

25X1D

30 PROB BEAGLE

2 SMALL STRAIGHT-WING

25X1D

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25X1A

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CHINA, COMMUNIST
NAVAL BASE FACILITIES

25X1D

SIGNIFICANT RESULTS

25X1A

25X1D

25X1D

22-24- N 113-36- E

CHU-HAI NAVAL FACILITY
NAC

STATUS: OPERATIONAL

NAVAL ORDER OF BATTLE:
14 VESSELS (4 ON WAY, 6 AT
PIER, 4 AT MOLE)

25X1D

25X1D

25X1A

HUANG-PU PORT FACILITIES
NAC

23-05- N 113-26- E

25X1D STATUS: OPERATIONAL

NAVAL ORDER OF BATTLE:
11 LARGE CARGO VESSELS (6
AT QUAYS, 5 IN ROADSTEAD)
NUMEROUS SMALL CRAFT WITHIN
THE FACILITY

25X1D

25X1A

25X1D

25X1D

HU-MEN MTB BASE JUNK CREEK
NAC

22-47- N 113-39- E

STATUS: OPERATIONAL

NAVAL ORDER OF BATTLE:
7 POSS HUCHWAN PTH ON
MARGINAL WHARF (AT LEAST)

4 POSS HUCHWAN PTH AT
L-HEAD PIER

25X1D

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CHINA, COMMUNIST
NAVAL BASE FACILITIES

25X1D

25X1D

25X1D

LAN-TIEN NAVAL BASE
[REDACTED] NAC

25X1A 21-58-[REDACTED] N 112-22-[REDACTED] E

STATUS: OPERATIONAL

NAVAL ORDER OF BATTLE:

6 COMBATANTS ON WAYS (AT
LEAST)

3 POSS COMBATANTS AT WHARF

25X1D

25X1D

25X1D

25X1D

SAN-CHOU-SHIH NVB SHANG-CHUAN SHAN
[REDACTED] NAC

25X1A 21-44-[REDACTED] N 112-45-[REDACTED] E

STATUS: OPERATIONAL

NAVAL ORDER OF BATTLE:

4 SMALL POSS COMBATANTS

4 SMALL WATER CRAFT

25X1D

25X1D

25X1D

25X1D

SHA-TI NAVAL FACILITY SHANG-CHUAN SHAN
[REDACTED] NAC

25X1A 21-36-[REDACTED] N 112-45-[REDACTED] E

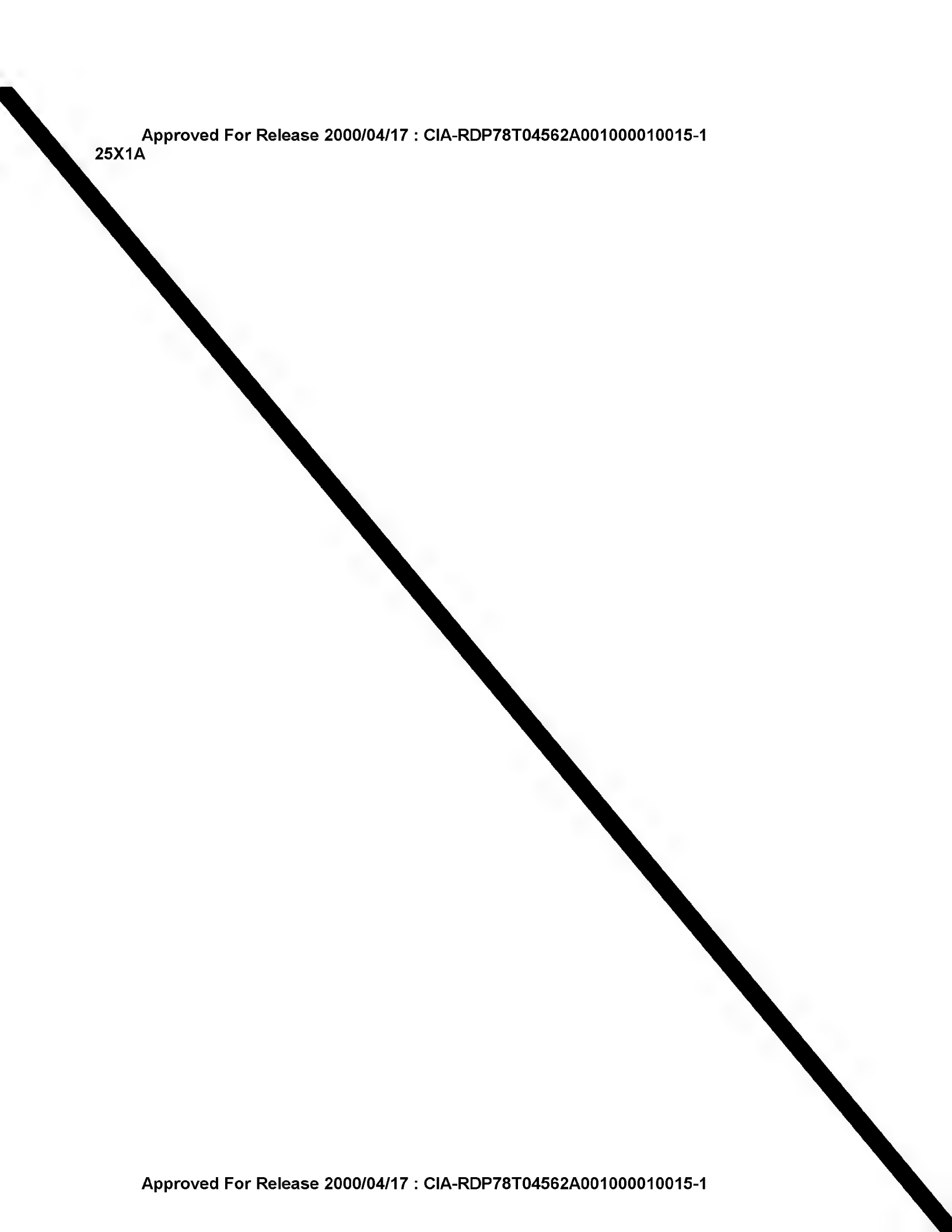
STATUS: OPERATIONAL

NAVAL ORDER OF BATTLE:

7 POSS COMBATANTS (AT
LEAST)

25X1D

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25X1A



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CHINA, COMMUNIST
GROUND FORCE FACILITIES

25X1A

25X1D

SIGNIFICANT RESULTS

CHA-LAI-NO-ERH ARMY BKS AL 2

25X1A

25X1D

25X1D

49-27- N 117-25- E

STATUS: NEGATED

25X1D

REMARKS:
NO MILITARY INSTALLATION WAS OBSERVED. THE AREA AT THE
REFERENCED COORDINATES IS A SMALL VILLAGE.

25X1D

25X1A

25X1D

25X1D

CHU-HAI BKS + STORAGE AREA EAST LL 1
NAC

22-21- N 113-35- E

STATUS: OCCUPIED

ASSOCIATED OBJECTS:
1 VESSEL

25X1D

25X1D

25X1A

25X1A

25X1D

25X1D

KUANG-NING ARMOR INSTALLATION

23-38- N 112-26- E

STATUS: NEGATED

REMARKS:
NO ARMOR-RELATED ACTIVITY OR BARRACKS AREAS WERE OBSERVED
WITHIN A 5-NM RADIUS OF THE REFERENCED COORDINATES.

25X1D

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CHINA, COMMUNIST
GROUND FORCE FACILITIES

25X1A

25X1A

25X1D

25X1D

25X1D

PAO-TOU ARMY BARRACKS AL 13

40-33- [REDACTED] N 110-10- [REDACTED] E

STATUS: UNKNOWN

REMARKS:
SMALL SCALE PHOTOGRAPHY PRECLUDED IDENTIFICATION OF A MILITARY
INSTALLATION.

GROUND FORCE ORDER OF BATTLE:
NONE DISCERNIBLE

25X1D

25X1D

25X1D

PAO-TOU ARMY BARRACKS NORTHWEST AL 2
[REDACTED] NAC

40-37- [REDACTED] N 109-55- [REDACTED] E

STATUS: OCCUPIED

GROUND FORCE ORDER OF BATTLE:
NONE DISCERNIBLE

25X1A

25X1D

ANTI-AIRCRAFT ORDER OF BATTLE:
6 POSS AAA PIECES

25X1D

25X1D

25X1A

25X1D

PI-TSUN MUNITIONS STORAGE DEPOT

23-24- [REDACTED] N 113-08- [REDACTED] E

STATUS: OCCUPIED

25X1A

PHYSICAL DESCRIPTION:
2.3 NM NW OF PI-TSUN.
THE INSTALLATION CONSISTS OF NINE STORAGE BUILDINGS AND FOUR
STORAGE/SUPPORT BUILDINGS.

GROUND FORCE ORDER OF BATTLE:
NONE DISCERNIBLE

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25X1A

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CHINA, COMMUNIST
LOGISTICS

25X1A

SIGNIFICANT RESULTS

25X1D

25X1D

25X1D

KU-CHI-KU SUPPORT COMPLEX
NAC

52-19- N 124-45- E

STATUS: OPERATIONAL

REMARKS:
ACTIVITY THROUGHOUT THE COMPLEX APPEARED TO BE MODERATELY HIGH.
APPROXIMATELY 45 PIECES OF ROLLING STOCK WERE OBSERVED.

25X1D

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25X2

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CHINA, COMMUNIST
INDUSTRY

25X1A

25X1D

SIGNIFICANT RESULTS

25X1A

25X1D

25X1D

CHANG-CHUN MOTOR VEHICLE PLANT

43-50- N 125-14- E

STATUS: OPERATIONAL

REMARKS:

25X1D THE LEVEL OF ACTIVITY THROUGHOUT THE PLANT APPEARED TO BE HIGH.
NUMEROUS VEHICLES WERE OBSERVED IN OPEN PARKING AREAS.

25X1A

25X1D

25X1D

25X1D

FAN-CHIA-TUN EXPLOSIVES PLANT

43-43- N 125-04- E

STATUS: NEGATED

25X1A

REMARKS:

NO EXPLOSIVES PLANT WAS OBSERVED AT THE REFERENCED COORDINATES.
AN INDUSTRIAL PLANT AT THE REFERENCED AREA APPEARS TO BE
ASSOCIATED WITH ORE OR WOOD PROCESSING. THE RAIL- AND
ROAD-SERVED PLANT, ON THE NW EDGE OF FAN-CHIA-TUN, CONSISTS OF
A LARGE PROCESSING BUILDING WITH A TALL STACK, ADJACENT OPEN
STORAGE AND TRANSLOADING AREAS, AND A WAREHOUSE AREA.

25X1D

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25X1D

CHINA, COMMUNIST
INDUSTRY

25X1D

25X1A

25X1D

25X1D

HUANG-PU SHIPYARD NORTHEAST
NAC

23-05- N 113-27- E

STATUS: OPERATIONAL

NAVAL ORDER OF BATTLE:
1 LARGE POSS COMBATANT IN
GRAVING DOCK
4 LARGE CARGO SHIPS AT QUAY

1 COASTAL CARGO SHIP AT
WHARF

25X1D

25X1D

25X1A

25X1D

25X1D

KUANG-CHOU SHIPYARD HO-NAN TAO EAST
NAC

23-06- N 113-18- E

STATUS: OPERATIONAL

NAVAL ORDER OF BATTLE:
11 SMALL VESSELS (6 ON
WAYS, 5 AT QUAY)

25X1D

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25X1D

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SOVIET UNION
DEPLOYED STRATEGIC SSM FACILITIES

25X1A

25X1D

SIGNIFICANT RESULTS

25X1D

25X1D

57-23- N 026-47- E

ALUKSNE MRBM COMPLEX

25X1A

STATUS: UNKNOWN

REMARKS:
NO COMPONENTS WERE OBSERVED. NO SILO CONSTRUCTION WAS OBSERVED
IN VISIBLE PORTIONS OF THE SEARCH AREA.

25X1D



25X1D

25X1D

25X1D

DOMBAROVSKIY ICBM COMPLEX



25X1A

50-58- N 059-44- E

25X1A

25X1D

STATUS: OPERATIONAL

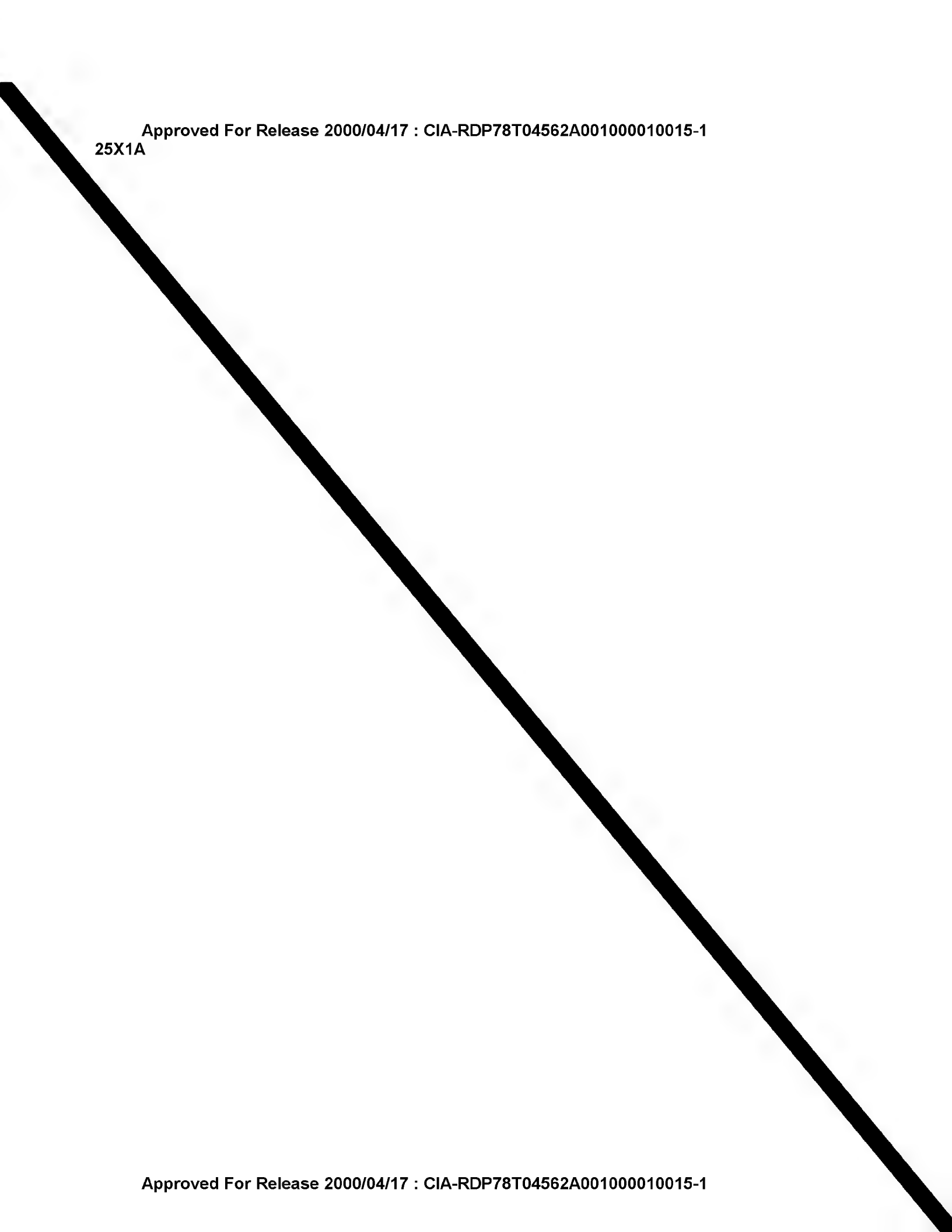
REMARKS:
ALL COMPONENTS OF THE COMPLEX WERE OBSERVED. LAUNCH SITE 52H
IS NOW COMPLETE. ALL SITES IN GROUP H ARE NOW COMPLETE. ON
LAUNCH SITES 54I, 55I, 59I, AND 60I WERE IN THE LATE
STAGE OF CONSTRUCTION. LAUNCH SITES 65J AND 66J WERE IN THE
MIDSTAGE OF CONSTRUCTION ON . THREE UNIDENTIFIED
VEHICLES WERE OBSERVED ON THE MAIN ROAD OF THE RAIL-TO-ROAD
TRANSFER POINT, AND THREE PROBABLE MISSILE RAIL CARS WERE
OBSERVED NEAR THE PROPELLANT TRANSFER RACKS. SEVENTEEN
UNIDENTIFIED RAIL CARS AND TWO PROBABLE LOCOMOTIVES WERE
OBSERVED ON THE RAIL SPURS SERVING THE COMPLEX SUPPORT FACILITY
ON 

25X1D

25X1D

25X1D

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25X1A



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SOVIET UNION
DEPLOYED STRATEGIC SSM FACILITIES

25X1D

CONSTRUCTION OBSERVED.

25X1D

25X1A

25X1A

25X1D

DZHAMBUL IR/MRBM DIVISION HQ
NAC

43-00- N 071-23- E

25X1D

STATUS: OCCUPIED

25X1D

ASSOCIATED OBJECTS:
2 POSS TRUCKS

25X1D

25X1A

25X1A

25X1D

25X1D

GUSEV MRBM COMPLEX
NAC

54-42- N 022-04- E

STATUS: OPERATIONAL

REMARKS:
ALL COMPONENTS OF THE COMPLEX WERE OBSERVED EXCEPT FIXED FIELD
SITE 1, WHICH COULD BE IDENTIFIED ONLY. A POSSIBLE SS-4
MISSILE EXERCISE WAS OBSERVED ON THE SOUTH PAD AT LAUNCH SITE 2
ON 1 AUGUST. ERECTORS WERE VISIBLE ON ALL FOUR PADS AT LAUNCH
SITES 1 AND 2, WITH EIGHT OXIDIZER TRANSPORTERS ALSO OBSERVED
AT BOTH SITES. IDENTIFIABLE MISSILE EQUIPMENT OBSERVED IN THE
POSSIBLE MISSILE EXERCISE INCLUDED AN SS-4 MISSILE TRANSPORTER,
A POSSIBLE SS-4 MISSILE, AND AN ERECTOR.

25X1D

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SOVIET UNION
DEPLOYED STRATEGIC SSM FACILITIES

25X1D

LIDA MRBM COMPLEX

NAC

25X1D 25X1D
25X1A 53-52- N 025-24- E

STATUS: OPERATIONAL

REMARKS:

ALL COMPONENTS OF THE COMPLEX WERE OBSERVED. FOUR ERECTORS AND EIGHT OXIDIZER TRANSPORTERS WERE VISIBLE AT LAUNCH SITE 2. AT LAUNCH SITE 1, UNIDENTIFIED ACTIVITY/EQUIPMENT WAS ON THE PADS. EIGHT OXIDIZER TRANSPORTERS WERE ALSO VISIBLE IN THE OXIDIZER STORAGE AREA AT LAUNCH SITE 1. THE CONTINUED PROMINENCE OF THE ROAD PATTERN AT THE FIXED FIELD SITE SUGGESTS THE SITE MAY OCCASIONALLY BE OCCUPIED. NO SILO CONSTRUCTION OBSERVED.

25X1D

25X1D

25X1D

25X1D

MOLOSKOVITSY MRBM COMPLEX
NAC

25X1A 59-29- N 029-08- E

STATUS: OPERATIONAL

25X1D

REMARKS:

ALL COMPONENTS OF THE COMPLEX WERE VISIBLE ON BOTH PASSES ON A NORMAL COMPLEMENT OF EQUIPMENT WAS VISIBLE AT BOTH LAUNCH SITES ON ALL DAYS. AN EXERCISE WAS UNDERWAY ON THE WESTERNMOST LAUNCH PAD AT LAUNCH SITE 1 ON NO SILO CONSTRUCTION OBSERVED.

25X1D

25X1D

25X1D

HANDLE VIA TOP SECRET RUFF
TALENT-KEYHOLE Approved For Release 2000/04/17 : CIA-RDP78T04562A001000010015-1
CONTROL SYSTEM ONLY

TCS 20346/70 - IPIR 12
KH-4 MISSION 1111

SOVIET UNION
DEPLOYED STRATEGIC SSM FACILITIES

25X1D



25X1D

25X1D

25X1A

25X1D

25X1A

NARO FOMINSK SRF RADCOM CTL STA

55-19- [REDACTED] N 036-47- [REDACTED] E



STATUS: OCCUPIED

REMARKS:

25X1D

25X1D

CONSTRUCTION REPORTED IN [REDACTED] CONTINUES. ON [REDACTED] TWO CIRCULAR FOUNDATIONS CONNECTED TO A RECTANGULAR BUILDING FOUNDATION WERE OBSERVED. A LINEAR TRENCH PARALLEL TO ONE SIDE OF THE RECTANGULAR FOUNDATION WAS ALSO OBSERVED.

25X1D

ON [REDACTED] A THIRD CIRCULAR FOUNDATION WAS OBSERVED TO THE NW SIDE OF THE RECTANGULAR BUILDING FOUNDATION. PASSAGEWAYS CONNECTING THE FIRST TWO CIRCULAR FOUNDATIONS WERE EXTERNALLY COMPLETE. TWO LARGE CYLINDRICAL OBJECTS SIMILAR TO FUEL TANKS WERE OBSERVED JUST NORTH OF THE BUILDINGS.

25X1D



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SOVIET UNION
DEPLOYED STRATEGIC SSM FACILITIES

25X1D



25X1D

25X1D

NOVOPETROVSKOYE SRF RADCOM CTL STA

55-58- N 036-28- E



25X1A

25X1A

25X1D

STATUS:OCCUPIED

REMARKS:

THE FOLLOWING FACILITIES IN THE SE CORNER OF ANTENNA FIELD II
ARE NEW SINCE -- A SUBFIELD OF EAST/WEST TRANSMITTING
RHOMBS INCLUDING FOUR NESTED PAIRS OF DAY-NIGHT DOUBLE
RHOMBIC ANTENNAS, TWO LARGE DOUBLE RHOMBIC ANTENNAS, AND A
SMALL DOUBLE RHOMBIC ANTENNA, THREE SMALL SINGLE RHOMBIC
ANTENNAS NEAR ANTENNA FIELD III (ALSO EAST/WEST TRANSMITTING),
A LARGE DOUBLE RHOMBIC AND POSSIBLE LARGE SINGLE RHOMBIC
ANTENNA (BOTH NORTH-SOUTH TRANSMITTING), ONE POSSIBLE SMALL
SINGLE RHOMBIC (NORTHWEST/SOUTHEAST TRANSMITTING), AND A
POSSIBLE BUNKER NEAR THE MAIN ROAD.



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SOVIET UNION
DEPLOYED STRATEGIC SSM FACILITIES



25X2

25X1D

25X1D



25X1D

25X1D

25X1D

57-47- N 026-49- E

VORU MRBM COMPLEX

25X1A

25X1A

STATUS: UNKNOWN

25X1D

REMARKS:
NO COMPLEX COMPONENTS WERE OBSERVED. NO SILO CONSTRUCTION
OBSERVED IN VISIBLE PORTION OF THE SEARCH AREA.

25X1D



25X1A

OTHER RESULTS-NO APPARENT CHANGE

25X1D

25X1D

25X1D

25X1A 54-58- N 024-05- E

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NAC

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25X1D

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SOVIET UNION
AIR DEFENSE MISSILES

25X1A

25X1D

SIGNIFICANT RESULTS

25X1A

25X1D

25X1D

KHERSON SAM COMPLEX A13-5

46-34- N 032-45- E

STATUS: OCCUPIED 25X1D

REMARKS:
SIGNIFICANT CONSTRUCTION PROGRESS WAS NOTED AT THE COMPLEX ON PHOTOGRAPHY OF [REDACTED]. REVETMENTS ARE PRESENT AT LAUNCH POSITIONS A2-A6. LAUNCHERS AND DOLLIES HAVE BEEN INSTALLED AT ALL POSITIONS OF SITE A. TRACK BEDS WERE IN PREPARATION AT ALL POSITIONS OF SITE C. A SITE CONTROL CENTER WAS UNDER CONSTRUCTION AT EACH LAUNCH SITE.

IN THE TRACKING AND GUIDANCE FACILITY, RADAR MOUND A WAS OCCUPIED BY A SQUARE PAIR RADAR. THE TWO OTHER RADAR MOUNDS AND THE CONTROL CENTER APPEARED TO BE COMPLETE. A BUILDING HAS BEEN CONSTRUCTED ALONG THE ROAD CONNECTING THE TRACKING AND GUIDANCE FACILITY TO LAUNCH SITE B.

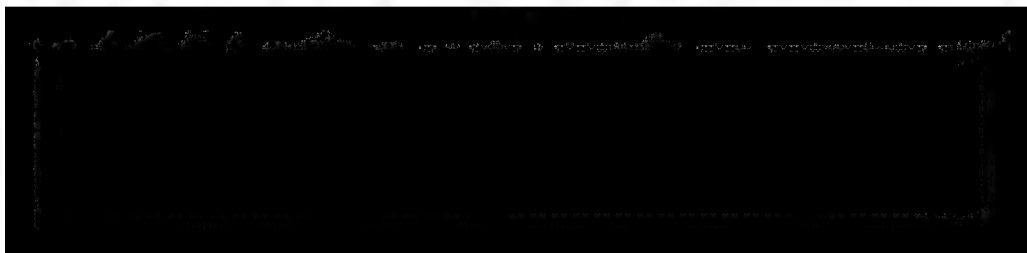
TWO MISSILE ASSEMBLY AND CHECKOUT BUILDINGS AND A CRATE STORAGE REVETMENT WERE OBSERVED UNDER CONSTRUCTION IN THE MISSILE-HANDLING FACILITY. GRADING, IN PREPARATION FOR THE CONSTRUCTION OF TWO MISSILE STORAGE BUILDINGS, WAS ALSO OBSERVED. THE SUPPORT FACILITY CONTAINS FOUR LARGE BUILDINGS.

25X1D

25X1D

THE ASSOCIATED AIR WARNING RADAR FACILITY WAS IDENTIFIED FOR THE FIRST TIME. IT IS LOCATED AT 46-41- N 032-45- E AND CONTAINS TWO OCCUPIED BACK NET RADAR MOUNDS, TWO SIDE NET RADAR MOUNDS, THREE RADAR MOUNDS EACH OCCUPIED BY AN UNIDENTIFIED RADAR, AND ONE UNOCCUPIED RADAR MOUND. A SINGLE OCCUPIED MOUND WAS OBSERVED JUST SOUTH OF THE AIR WARNING RADAR FACILITY.

25X1D



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SOVIET UNION
AIR DEFENSE MISSILES

25X1D

25X1A

25X1D

25X1D

59-59- N 031-03- E

LENINGRAD SAM SITE C08A-3

STATUS:OCCUPIED

PHYSICAL DESCRIPTION:

21.5 NM ENE OF LENINGRAD.
THE NEWLY IDENTIFIED SA-3 SITE IS OF IRREGULAR CONFIGURATION
AND CONSISTS OF FOUR REVETTED LAUNCH POSITIONS AND A REVETTED
GUIDANCE AREA. THE SITE IS PROBABLY AN ALTERNATE FOR LENINGRAD
SAM SITE C08-3.

25X1D

25X1D

25X1D

25X1D

25X1A

59-33- N 030-42- E

LENINGRAD SAM SITE C16A-2

STATUS:UNOCCUPIED

PHYSICAL DESCRIPTION:

24.5 NM SSE OF LENINGRAD.
THE NEWLY IDENTIFIED SA-2 SITE IS OF UNDETERMINED CONFIGURATION
AND CONSISTS OF SIX REVETTED LAUNCH POSITIONS AND A REVETTED
GUIDANCE AREA. THE SITE IS PROBABLY AN ALTERNATE FOR LENINGRAD
SAM SITE C16-2.

25X1D

HANDLE VIA TOP SECRET RUFF
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SOVIET UNION
AIR DEFENSE MISSILES

25X1D

25X1A

25X1D

25X1D

LENINGRAD SAM SITE C18A-2

59-31- N 030-23- E

STATUS:UNOCCUPIED

PHYSICAL DESCRIPTION:

24 NM SOUTH OF LENINGRAD.
THE NEWLY IDENTIFIED SA-2 SITE CONSISTS OF THREE REVETTED
LAUNCH POSITIONS AND A REVETTED GUIDANCE AREA. THE SITE IS
PROBABLY AN ALTERNATE FOR LENINGRAD SAM SITE C18-2.

25X1D

25X1D

25X1D

25X1D

25X1A

59-30- N 030-12- E

LENINGRAD SAM SITE C19A-2

STATUS:UNOCCUPIED

PHYSICAL DESCRIPTION:

24.5 NM SOUTH OF LENINGRAD,
THE NEWLY IDENTIFIED SA-2 SITE IS OF UNDETERMINED CONFIGURATION
AND CONSISTS OF SIX REVETTED LAUNCH POSITIONS AND A REVETTED
GUIDANCE AREA. THE SITE IS PROBABLY AN ALTERNATE FOR LENINGRAD
SAM SITE C19-2.

25X1D

HANDLE VIA TOP SECRET RUFF
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SOVIET UNION
AIR DEFENSE MISSILES

25X1D

25X1D

25X1D

LENINGRAD SAM SITE C20A-2^{25X1A}

59-30- N 030-05- E

STATUS:UNOCCUPIED

PHYSICAL DESCRIPTION:

27 NM SSW OF LENINGRAD.

THE NEWLY IDENTIFIED SA-2 SITE IS OF UNDETERMINED CONFIGURATION
AND CONSISTS OF SIX REVETTED LAUNCH POSITIONS AND A REVETTED
GUIDANCE AREA. THE SITE IS PROBABLY AN ALTERNATE FOR LENINGRAD
SAM SITE C20-2.



25X1D

25X1D

25X1D

25X1D

LENINGRAD SAM SITE C21A-2

59-30- N 029-57- E

25X1A

STATUS:OCCUPIED

PHYSICAL DESCRIPTION:

27 NM SSW OF LENINGRAD.

THE NEWLY IDENTIFIED SA-2 SITE IS OF UNDETERMINED CONFIGURATION
AND CONSISTS OF SIX REVETTED LAUNCH POSITIONS AND A REVETTED
GUIDANCE AREA. THE SITE IS PROBABLY AN ALTERNATE FOR LENINGRAD
SAM SITE C21-2.

25X1D

HANDLE VIA **TOP SECRET RUFF**
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SOVIET UNION
AIR DEFENSE MISSILES

25X1D

25X1D

25X1D

LENINGRAD SAM SITE C21A-3 ^{25X1A}
 

59-29- N 029-56- E

STATUS:OCCUPIED

PHYSICAL DESCRIPTION:

27 NM SSW OF LENINGRAD.



THE NEWLY IDENTIFIED SA-3 SITE IS OF UNDETERMINED CONFIGURATION
AND CONSISTS OF FOUR REVETTED LAUNCH POSITIONS AND A REVETTED
GUIDANCE AREA. THE SITE IS PROBABLY AN ALTERNATE FOR LENINGRAD
SAM SITE C21-3.

25X1D



25X1D

25X1D

LENINGRAD SAM SITE C22A-2 ^{25X1A}
 

59-32- N 029-48- E

25X1D

STATUS:UNDER CONSTRUCTION

PHYSICAL DESCRIPTION:

29 NM SW OF LENINGRAD.

THE NEWLY IDENTIFIED SA-2 SITE IS OF UNDETERMINED CONFIGURATION
AND CONSISTS OF SIX LAUNCH POSITIONS AND A GUIDANCE AREA. THE
SITE IS PROBABLY AN ALTERNATE FOR LENINGRAD SAM SITE C22-2, AND
WAS UNOCCUPIED.

25X1D



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SOVIET UNION
AIR DEFENSE MISSILES

25X1D

25X1A

25X1D

25X1D

LENINGRAD SAM SITE C26A-2

59-47- [REDACTED] N 029-34- [REDACTED] E

STATUS:UNOCCUPIED

PHYSICAL DESCRIPTION:

24.5 NM WSW OF LENINGRAD.
THE NEWLY IDENTIFIED SA-2 SITE IS OF UNDETERMINED CONFIGURATION
AND CONSISTS OF SIX REVETTED LAUNCH POSITIONS AND A REVETTED
GUIDANCE AREA. THE SITE IS PROBABLY AN ALTERNATE FOR LENINGRAD
SAM SITE C26-2.

25X1D

25X1D

25X1D

25X1D

LENINGRAD SAM SITE C26A-3

25X1A

59-49- [REDACTED] N 029-23- [REDACTED] E

STATUS:OCCUPIED

PHYSICAL DESCRIPTION:

30 NM WSW OF LENINGRAD.
THE NEWLY IDENTIFIED SA-3 SITE IS OF B CONFIGURATION AND
CONSISTS OF FOUR REVETTED LAUNCH POSITIONS AND A REVETTED
GUIDANCE AREA. THE SITE IS PROBABLY AN ALTERNATE FOR LENINGRAD
SAM SITE C26-3.

25X1D

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SOVIET UNION
AIR DEFENSE MISSILES

25X1D

25X1A

25X1D

25X1D

LENINGRAD SAM SITE C27B-2

59-53- N 029-26- E

STATUS:UNOCCUPIED

PHYSICAL DESCRIPTION:

27.5 NM WEST OF LENINGRAD.
THE NEWLY IDENTIFIED SA-2 SITE CONSISTS OF SIX REVETTED LAUNCH
POSITIONS AND A REVETTED GUIDANCE AREA. THE SITE IS PROBABLY
AN ALTERNATE FOR LENINGRAD SAM SITE C27-2.

25X1D

25X1D

25X1A

25X1D

LENINGRAD SAM SITE C33B-2

60-18- N 029-50- E

STATUS:UNOCCUPIED

PHYSICAL DESCRIPTION:

27 NM NW OF LENINGRAD.
THE NEWLY IDENTIFIED SA-2 SITE CONSISTS OF SIX REVETTED LAUNCH
POSITIONS AND A REVETTED GUIDANCE AREA IN A MODIFIED SKULL
CONFIGURATION. THE SITE IS PROBABLY AN ALTERNATE FOR LENINGRAD
SAM SITE C33A-2.

25X1D

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SOVIET UNION
AIR DEFENSE MISSILES

25X1D 25X1A 25X1D 25X1D
LENINGRAD SAM SITE C34A-2 60-20- N 029-54- E

STATUS:UNOCCUPIED

PHYSICAL DESCRIPTION:

27 NM NW OF LENINGRAD.
THE NEWLY IDENTIFIED SA-2 SITE CONSISTS OF SIX REVETTED LAUNCH
POSITIONS AND A REVETTED GUIDANCE AREA IN AN UNDETERMINED
CONFIGURATION. THE SITE IS PROBABLY AN ALTERNATE FOR LENINGRAD
SAM SITE C34-2.



25X1D

25X1D

25X1D 25X1A 25X1D 25X1D
MOLOSKOVITSY MRBM CPLX SAM SITE A22A-2 59-23- N 028-59- E

STATUS:OCCUPIED

PHYSICAL DESCRIPTION:

2 NM WEST OF MOLOSKOVITSY.
THE NEWLY IDENTIFIED SA-2 SITE IS OF UNDETERMINED CONFIGURATION
AND CONSISTS OF SIX REVETTED LAUNCH POSITIONS AND A REVETTED
GUIDANCE AREA. THE SITE IS PROBABLY AN ALTERNATE FOR
MOLOSKOVITSKY MRBM CPXL SAM SITE A22-2.



25X1D

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25X1A

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~~TOP SECRET~~